

Weekly Report

2019.04.29-2019.05.05

Job Summary

1. Paper reading:

1) *A Utility-aware Visual Approach for Anonymizing Multi-attribute Tabular Data*

Content: describe and design a system for deal with multi-attribute tabular data for privacy.

2) Analyzing the Training Processes of Deep Generative Models

Content: design a system to visualize the process of training a DGM. The system includes overall statistics and also the interaction of neurons, which can help experts locate the root cause of a fail training result.

3) An Approach to Supporting Incremental Visual Data Classification

2. CCTV Project:

1. Improve the design of bubble interaction chart.
2. Translate words.

Work Plan

1. Reading papers about explainable machine learning.
2. Further perfect the design of CCTV Project and meet the reporter's needs.
3. Determine the goal of system design and initially design the system process.